

Title (en)  
LOW-TEMPERATURE HEAT-SHRINKABLE FILM

Publication  
**EP 0350859 A3 19910327 (EN)**

Application  
**EP 89112657 A 19890711**

Priority  
JP 17297888 A 19880712

Abstract (en)  
[origin: EP0350859A2] A low-temperature heat-shrinkable film having a haze value not larger than 8%, a heat shrinkability in the machine direction at a temperature of 90 DEG C of at least 30%, and a shrinkage stress of at least 300 g/mm<2>, is made from a composition comprising (a) a linear ethylene polymer containing short-chain branches and having a density not larger than 0.940 g/cm<2> and (b) an ethylene/propylene random copolymer containing 3.5 to 10% by weigh of units derived from ethylene, wherein the proportion of the ethylene/propylene random copolymer in the composition is 15 to 50% by weight.

IPC 1-7  
**C08L 23/04**; **C08L 23/16**; **B29C 61/00**; **C08J 5/18**

IPC 8 full level  
**B29C 55/28** (2006.01); **B29C 61/00** (2006.01); **B29C 61/06** (2006.01); **C08J 5/18** (2006.01); **C08L 23/08** (2006.01); **C08L 23/14** (2006.01); **C08L 23/16** (2006.01); **B29K 23/00** (2006.01); **B29K 105/02** (2006.01); **B29L 7/00** (2006.01)

CPC (source: EP US)  
**B29C 61/003** (2013.01 - EP US); **C08L 23/0815** (2013.01 - EP US); **C08L 23/14** (2013.01 - EP US); **B29K 2023/06** (2013.01 - EP US); **B29K 2023/12** (2013.01 - EP US)

Citation (search report)  
• [X] EP 0240705 A2 19871014 - KOHJIN CO [JP]  
• [X] DE 3113589 A1 19821014 - ERDOELCHEMIE GMBH [DE]  
• [X] FR 2537981 A1 19840622 - EL PASO POLYOLEFINS [US]  
• [A] DE 2254440 A1 19740522 - BASF AG

Cited by  
CN106009209A; AU712594B2; EP0575123A3; US5594071A; US5674945A; US6774190B1; WO2008017244A1; WO9722664A1

Designated contracting state (EPC)  
DE FR GB SE

DOCDB simple family (publication)  
**EP 0350859 A2 19900117**; **EP 0350859 A3 19910327**; **EP 0350859 B1 19940406**; DE 68914348 D1 19940511; DE 68914348 T2 19940728; JP 2554362 B2 19961113; JP H0222033 A 19900124; US 5051481 A 19910924

DOCDB simple family (application)  
**EP 89112657 A 19890711**; DE 68914348 T 19890711; JP 17297888 A 19880712; US 37887389 A 19890712